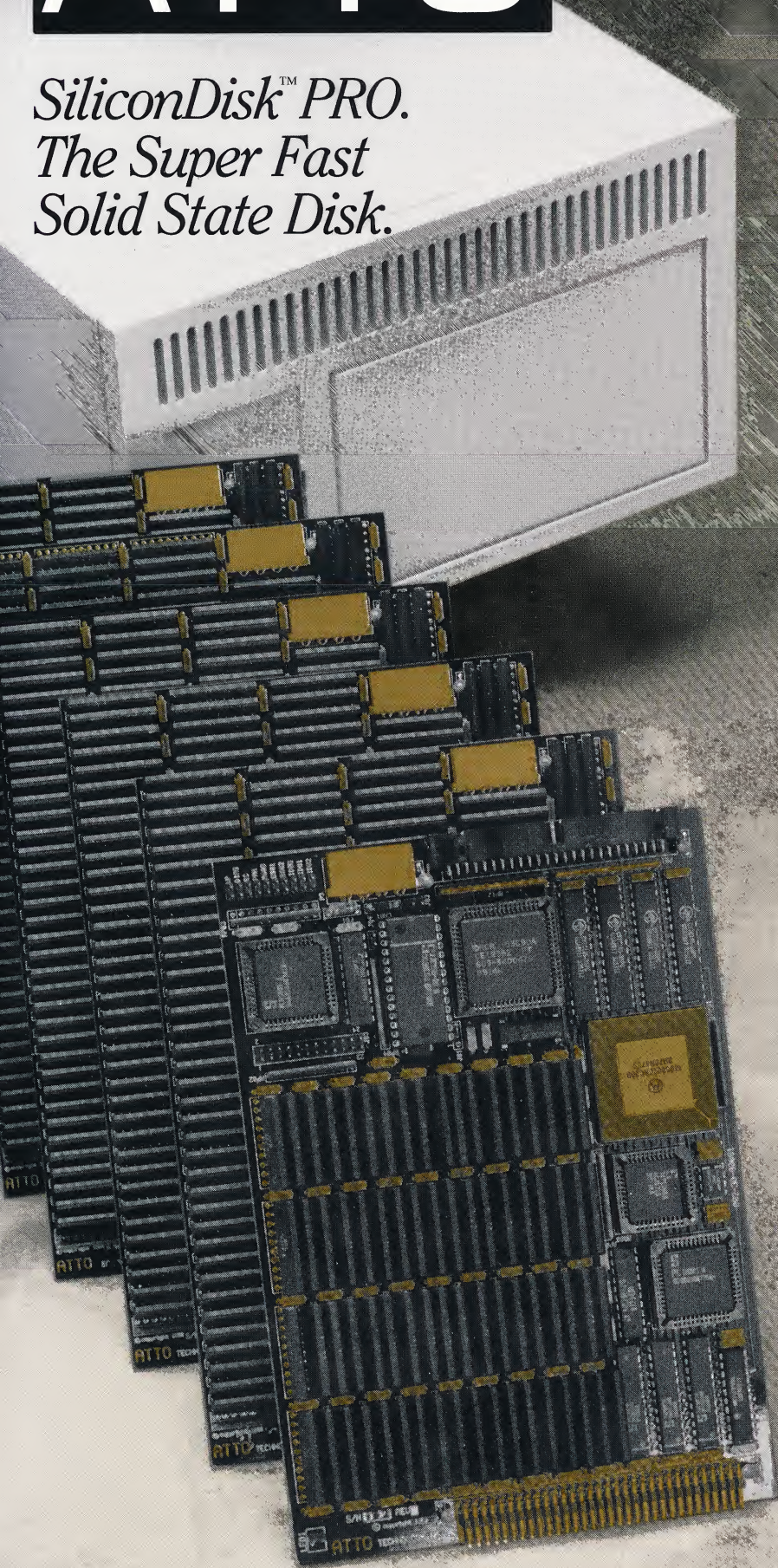


ATTO

SiliconDisk™ PRO. The Super Fast Solid State Disk.



The Competitive Edge

In today's competitive business environment, faster system performance can unlock the competitive advantage. The SiliconDisk PRO from ATTO Technology brings solid-state disk technology — and speed — to the workstation market.

Faster Data Delivery And Enhanced Productivity

The SiliconDisk PRO is a solid-state disk sub-system that delivers data in just 0.05 milliseconds — 500 times faster than traditional hard disks. Its lightening-fast capability saves valuable time — enhancing productivity and, ultimately, the bottom line.

The SiliconDisk PRO Advantage:

- Fast access — up to 512 megabytes
- Faster turn-around time brings greater customer satisfaction
- Ideal for storage-intensive applications like CAD/CAE, Database Management, Electronic Prepress, and Image Processing

SiliconDisk PRO Is Easy To Use

The SiliconDisk PRO comes ready to connect to any computer's Small Computer Systems Interface (SCSI) port. And Auto Format eliminates the need to format the SiliconDisk PRO or to install special software drivers.

It's that easy to enjoy plug-and-play operations for standard hosts like IBM, Data General, Sun, DEC, SiliconGraphics, and other SCSI-based workstations and mini-computers.

Built-In Cost-Efficiency

"Time is money" may be a tired expression — but no one tires of saving money. And that's just what the SiliconDisk PRO allows you to do — save money by saving time. Its incredibly-fast disk access time translates into faster, more efficient performance — whether you're scanning more images, performing more color separations, printing more pages — or whatever your specific application may be.

In addition, its fast access permits increased use of scanners, RIPs, imagesetting and other equipment. It ensures greater cost-efficiency of these often expensive devices.

*To order or for more information, call
716.688.4259. Fax 716.636.3630.*

ATTO Technology Inc, Baird Research Park,
1576 Sweet Home Rd, Amherst, NY 14228

Please see reverse side for specifications.



To order or for more information, call
716.688.4259. Fax 716.636.3630.

ATTO Technology Inc, Baird Research Park,
1576 Sweet Home Rd, Amherst, NY 14228

How The SiliconDisk PRO Works

ATTO Technology's SiliconDisk PRO eliminates the mechanical delays associated with conventional hard disk technology. 0.05 millisecond access time is achieved by using high-speed semiconductor memory. It has tremendous storage capacity of up to 512 megabytes of data. The SiliconDisk PRO facilitates data access hundreds of times faster than old-fashioned hard disks.

Guaranteed Reliability

The SiliconDisk PRO ensures peace of mind through extensive error detection circuitry, comprehensive diagnostic firmware, and low power consumption. What's more, every SiliconDisk PRO is backed by a one-year factory warranty.

Ideal For Many Applications

- Animation, multi-media and simulation
- Color image processing and separations
- Computer-aided design and engineering (CAD/CAE)
- Electronic prepress and publishing (materials printing, newspapers, magazines)
- Graphic design
- Image viewing, scanning and manipulation
- Imagesetter font caching
- Raster image processing (RIP)
- Data acquisition
- Database management systems (DBMS)
- Network file servers
- On-line transaction processing (OLTP)
- Software development

Uses For The SiliconDisk PRO

- Temporary file storage
- UNIX swap space
- Virtual memory paging device
- Capturing high-speed acquisitions
- Image storage for faster display and processing
- Database index and data files
- Imagesetter font caching

SiliconDisk PRO Features

- Small Computer Systems Interface (SCSI)
- SCSI common command set
- Extended SCSI commands
- Supports SCSI parity option
- Automatic SCSI transfer error recovery
- Extensive power-up diagnostics and error detection
- External SCSI ID switch
- Dual, shielded 50-pin SCSI connectors
- High quality, rugged desktop chassis
- Quiet fan with washable dust filter
- Universal input power supply
- External battery back-up available

SiliconDisk PRO Specifications

Performance

Access Time	0.05 ms*
Seek Time	0.00 ms
Rotational Latency	0.00 ms
Transfer Rate (Synchronous)	5.0 MB/second
Transfer Rate (Asynchronous)	5.0 MB/second

Main Processor

Motorola 68020
32-bit processor

Interface

Type	SCSI (single-ended)
Processor	NCR 53C90A (25 MHz)
Termination	Internal, removable

Capacity

PRO 1	8 to 128 MB (16-MB increments)
PRO 4	32 to 512 MB (64-MB increments)

Dimensions

Height	5.50 inches
Width	9.40 inches
Depth	13.80 inches

Reliability

Mean Time Before Failure	150,000 P.O.H.
Mean Time To Repair	< 30 minutes
Seek Errors	None
Preventive Maintenance	None

Power Requirements

90 - 260 VAC /
47 - 63 Hz

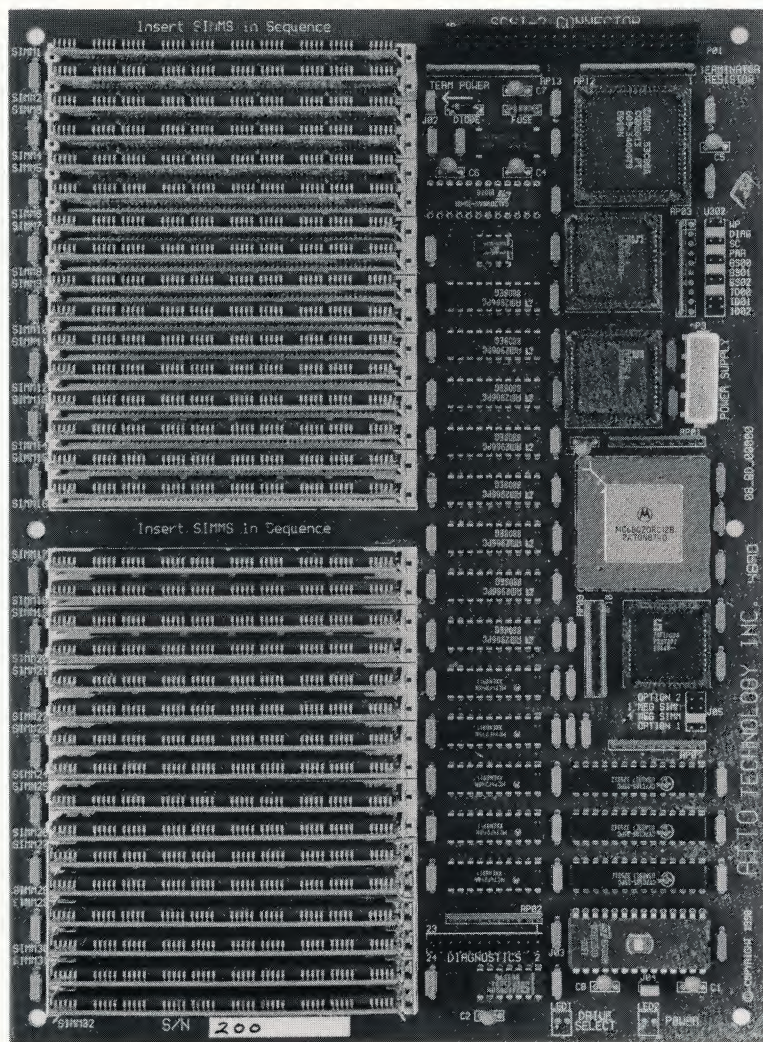
* Includes all SCSI command overhead.

SiliconDiskTM

© 1990 ATTO Technology, Inc. All rights reserved.
SiliconDisk is a trademark of ATTO Technology,
Inc. All other brand and product names are
trademarks of their respective holders.

ATTO

SiliconDisk™ Plus. The High Performance Solid State Disk.



*"This is the Maserati
of storage devices."*

MacUser Magazine

*Chances are you don't need
a new computer ...
you just need more speed.*

For most users, the speed of the hard drive limits the speed of their work. Complex Databases, Electronic Pre-press, CAD/CAE, Animation, and Image Processing all require a tremendous amount of disk storage ... forcing the computer to make numerous time-consuming hard disk reads.

The SiliconDisk Plus eliminates this problem by storing data in high speed semiconductor memory ... eliminating the long mechanical seek and rotational latency delays of a hard disk system.

You get a remarkable access time of 0.05 milliseconds and a high speed data transfer rate of 5.0 megabytes per second. Simply stated, you get more performance out of your workstation so you can finish your work faster.

SiliconDisk Plus is easy to expand.

A key feature of the SiliconDisk Plus is the ability to start small and grow with your system needs. And you can do it in easy ... affordable steps.

Memory upgrades are virtually limitless. The base unit includes 32 SIMM memory sockets. So you can have from 1 to 128 megabytes of memory at your fingertips. And if you ever outgrow it, just ask about our 512 megabyte upgrade.

Because it's SCSI based, as you upgrade your system platform, the SiliconDisk Plus can move with you ... without compatibility problems.

SiliconDisk Plus is easy to use.

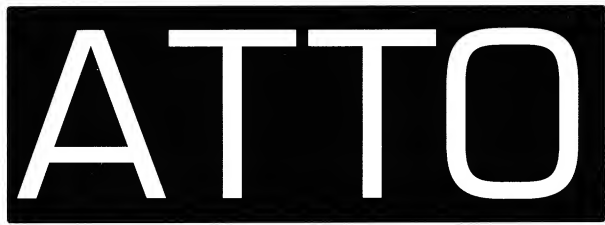
The SiliconDisk Plus comes in an attractive desktop chassis, ready to connect to any computer's Small Computer System Interface (SCSI) port. And ATTO's unique Auto Format feature eliminates the need to format the SiliconDisk Plus or to install any software drivers.

It's that easy to enjoy plug-and-play operation for standard hosts like Macintosh, IBM, SUN, and other SCSI based desktop systems.

**To order or for more information, call
716.688.4259. Fax 716.636.3630.**

ATTO Technology Inc.
Baird Research Park
1576 Sweet Home Road
Amherst, New York 14228 USA

Please see reverse side for specifications.



**To order or for more information, call
716.688.4259. Fax 716.636.3630.**

ATTO Technology Inc.
Baird Research Park
1576 Sweet Home Road
Amherst, New York 14228 USA

Dual Processors Deliver Power

The SiliconDisk Plus gives you blazing speed by coupling a Motorola 68020 32-bit processor with a dedicated 25 megahertz SCSI processor. As soon as the SiliconDisk Plus receives a command from the host computer the remarkable multi-processor combination takes over to quickly complete the transaction. In effect, you get powerful multi-processor operations right on your desktop.

And, because the SiliconDisk Plus does not use any of your main system's resources it leaves your CPU available for your programs.

Guaranteed Reliability

The SiliconDisk Plus is engineered to ATTO Technology's rigid standards for quality and reliability. We stand behind our SiliconDisk product by backing it with a one-year factory warranty. What's more, all SIMM memory installed and tested by ATTO is warranted with our lifetime replacement policy and Quick SIMM Swap program.

Ideal for Many Applications

Animation, Multi-media and Simulation
Color Image Processing and Separations
Computer Aided Design and Engineering (CAD/CAE)
Electronic Pre-press and Publishing (materials printing, newspapers, magazines)
Graphic Design
Image Viewing, scanning and manipulation
Imagesetter font caching
Raster Image Processing (RIP)
Data Acquisition
Database Management Systems (DBMS)
Network Fileservers
On-line transaction processing (OLTP)
Software development
Temporary File Storage
UNIX swap space
Virtual Memory Paging Device

SiliconDisk Plus Features

Small Computer Systems Interface (SCSI & SCSI-2)
SCSI Common Command Set
Extended SCSI Commands
Supports SCSI Parity Option
Automatic SCSI Transfer Error Recovery
Extensive Power-up Diagnostics
Attractive Desktop Chassis
External SCSI ID Switch
Dual, shielded 50-pin SCSI connectors
Universal Input Power Supply
External Battery Back-up Available
1 Year Factory Warranty

SiliconDisk Plus Specifications

Access Time	0.05 ms*
Seek Time	0.00 ms
Rotational Latency	0.00 ms
Transfer Rate (Synchronous)	5.0 MB/second
Transfer Rate (Asynchronous)	5.0 MB/second
Main Processor	Motorola 68020 32-bit processor
SCSI Processor	NCR 53C90A (25MHz)
Interface Type	SCSI-1 & SCSI-2 (single-ended)
Termination	External (optional internal)
Capacity	0 to 32 MB (using 1 MB SIMMs) 0 to 128 MB (using 4 MB SIMMs) 0 to 512 MB (Future upgrade)
Memory Parity	Optional
Dimensions	
Height	3.00 inches
Width	13.50 inches
Depth	14.50 inches
Power Requirements	90 - 260 VAC / 47 - 63 Hz
Battery Back-up	External UPS

* Includes all SCSI command overhead.

SiliconDiskTM

© 1990 ATTO Technology, Inc. All rights reserved.
SiliconDisk is a trademark of ATTO Technology, Inc.
All other brand and product names are trademarks
of their respective holders.